

# IMPROVED OXIDE CATHODE AND ITS MANUFACTURING PROCESS

## ABSTRACT

The oxide cathode (2) comprises a support (1) and an oxide layer (3) on the latter. It furthermore includes particles (8) of a conducting material having a first end (8a) incorporated in the support (1) and a second end (8b) lodged in the oxide layer (3), so as to constitute conducting bridges passing through an interface layer (6) forming between the support (1) and the oxide layer (3).

The invention also relates to a process for manufacturing such a cathode.

The conducting particles (8) make it possible to improve the electrical conductivity of the cathode, both within the oxide layer (3) and within the interface layer (6).

Figure 4.